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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,576	12/21/2003	Narasimhan Venkatesh	REDPINE-MUKPHY	7983
24346	7590	10/30/2006	EXAMINER	
JAY CHESAVAGE 3833 MIDDLEFIELD PALO ALTO, CA 94303			NGUYEN, DUC M	
			ART UNIT	PAPER NUMBER
			2618	
DATE MAILED: 10/30/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/743,576

Applicant(s)

VENKATESH, NARASIMHAN

Examiner

Duc M. Nguyen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) 1-23,38-41 and 44 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 24-37,42 and 43 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on \_\_\_\_ is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>10/15/04</u> . | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Information Disclosure Statement*

1. The references listed in the information disclosure statements submitted on 10/15/04 has been considered by the examiner (see attached PTO-1449).

### *Election/Restrictions*

2. Applicant's election without traverse of claims 24-37, 42-43 in the reply filed on 8/11/04 is acknowledged.
3. Newly submitted claim 44 is directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: the claim recites the limitation "whereby said receiver RSSI is coupled to either said first or second ADC when said RSSI active is asserted, or to an **auxiliary** ADC when said RSSI active is asserted". Here, since Fig. 3 corresponds to elected claims 24-37, 42-43 and does not show an **auxiliary** ADC, it is clear that claim 44 is directed to an invention that is independent or distinct from the elected claim. Accordingly, claim 44 is withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

### *Claim Objections*

4. Claim 24 is objected to because of the following informalities:

As to claim 24, it appears that the recited limitations in page 10, lines 7-9 were erroneously inserted into the claim. Accordingly, these limitations should be deleted from the claim. Also note for the typographical error "o?" in line 9.

Appropriate correction is required.

### ***Allowable Subject Matter***

5. Claims 24-37, 42-43 would be allowable if rewritten or amended to overcome the objection(s) set forth in this Office action.
6. The following is a statement of reasons for the indication of allowable subject matter:

As to claim 24, the cited prior art of record fail to disclose or make it obvious a transceiver for sharing ADC and DAC circuits which comprises components and connections as recited in the claims.

### ***Conclusion***

7. This application is in condition for allowance except for the following formal matters:

The objection of claim 24 and the presentation of claims 1-23, 38-41, 44.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

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8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 20040242183A1 to **Sugar** et al,

US006728517B2 to **Sugar** et al,

US006731953B1 to **McGowan** et al,

US 20040071225A1 to **Suzuki** et al,

US006519339B1 to **Sacca** et al, and

EP0797305A1 to **Fucili**.

9. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(571) 273-8300 (for **formal** communications intended for entry)

(571)-273-7893 (for informal or **draft** communications).

Hand-delivered responses should be brought to Customer Service Window,  
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

Any inquiry concerning this communication or communications from the examiner  
should be directed to Duc M. Nguyen whose telephone number is (571) 272-7893,  
Monday-Thursday (10:00 AM - 6:00 PM).

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Or to Matthew Anderson (Supervisor) whose telephone number is (571) 272-4177.

Duc M. Nguyen, P.E.

Oct 18, 2006

A handwritten signature in black ink, appearing to read 'Duc M. Nguyen', with a long horizontal flourish extending to the right.